

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
31 March 2005 (31.03.2005)

PCT

(10) International Publication Number
WO 2005/027822 A3

- (51) International Patent Classification⁷: **A61K 9/14**, 9/48, 9/08, 9/10
- (21) International Application Number: PCT/IL2004/000895
- (22) International Filing Date: 26 September 2004 (26.09.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 158139 25 September 2003 (25.09.2003) IL
- (71) Applicant (for all designated States except US): **ENZY-MOTEC LTD.** [IL/IL]; Ramat-Gavriel Industrial Park, P.O. Box 6, 23106 Migdal HaEmeq (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **PLATT, Dorit** [IL/IL]; P.O. Box 249, 17906 Shimshit (IL). **SHULMAN, Avidor** [IL/IL]; 29 HaGomeh Street, 36090 Kiryat Tivon (IL). **BEN DROR, Gai** [IL/IL]; P.O. box 126, 30835 Moshav Ofer (IL). **SCHEINMAN, Neta** [IL/IL]; 25 Zalman shneor Street, 32543 Haifa (IL). **TWITO, Yoni** [IL/IL]; P.O. Box 54, 30855 Geva Carmel (IL). **ZUABI, Rassan** [IL/IL]; 19320 Kfar Neen (IL).
- (74) Agents: **LUZZATO, Kfir** et al.; P.O. Box 5352, 84 152 Beer Sheva (IL).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
- with international search report
 - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 6 October 2005
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: STABILIZED FORMULATIONS OF PHOSPHATIDYLSERINE

(57) Abstract: Disclosed are stable PS preparations, in powder, liquid and dispersion forms, as well as methods of producing thereof. Most importantly, the stable PS preparations are particularly devoid of residual phospholipase D activity, and the methods of eliminating such activity are also described herein. Lastly, uses of these PS preparations in nutraceuticals or as active agents of pharmaceutical compositions are also provided herein.



WO 2005/027822 A3